UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
CENTRAL LABORATORY, SALT LAKE CITY, UTAH

WATER QUALITY ANALYSIS
LAB ID # 192030 RECORD # 27522

PROVISIONAL RECORDS
SUBJECT TO REVISION

SAMPLE LOCATION: L DONNA LK NR DOT LAKE AK
STATION ID: 634545144532000 LAT.LONG.SEQ.: 634545 1445320 00
DATE OF COLLECTION: BEGIN--750609 END-- TIME--1515
COUNTY CODE: 090 PROJECT IDENTIFICATION: 78
DATA TYPE: 2 SOURCE: LAKE OR RESERVOIR GEOLOGIC UNIT:
COMMENTS:
TOC SAMPLES LOST BOTTLES F-12 NO TOC RECEIVED

ALK,TOT (AS CACO3)	MG/L	11	NITROGEN TOT ORG N	MG/L	0.64
ALUMINUM TOTAL	UG/L	100	NITROGEN TOTKJD AS N	MG/L	0.67
BICARBONATE	MG/L	13	NO2 + NO3 AS N TOT	MG/L	0.18
BORON TOTAL	UG/L	30	NO2+NO3 AS N DISS	MG/L	0.07
CALCIUM DISS	MG/L	3.4	PHOS ORTHO DIS AS P	MG/L	0.01
CARBON TOT ORGANIC	DETR.	DELETED	PHOSPHATE DIS ORTHO	MG/L	0.03
CHLORIDE DISS	MG/L	0.9	PHOSPHORUS TOT AS P	MG/L	0.03
COBALT TOTAL	UG/L <	50	POTASSIUM DISS	MG/L	0.9
COLOR		20	RESIDUE DIS CALC SUM	MG/L	16
COPPER TOTAL	UG/L	40	RESIDUE DIS TON/AFT		0.04
FLUORIDE DISS	MG/L	0.1	RESIDUE DIS TON/DAY		891
HARDNESS NONCARB	MG/L	3	RESIDUE DIS 180C	MG/L	33
HARDNESS TOTAL	MG/L	13	SAR		0.1
IRON DISSOLVED	UG/L	50	SILICA DISSOLVED	MG/L	0.1
MAGNESIUM DISS	MG/L	1.2	SODIUM DISS	MG/L	0.6
MANGANESE DISSOLVED	UG/L	10	SODIUM PERCENT		8
MOLYBDENUM TOTAL	UG/L	0	SP. CONDUCTANCE LAB		31
NITROGEN NH4 ASN TOT	MG/L	0.03	STREAMFLOW(CFS)-INST		9999
NITROGEN TOT AS N	MG/L	0.85	SULFATE DISS	MG/L	1.8
NITROGEN TOT AS NO3	MG/L	3.8	WATER TEMP (DEG C)		16.7
			ZINC TOTAL	UG/L	10

CATIONS	(MG/L)	(MEQ/L)	ANIONS	(MG/L)	(MEQ/L)
CALCIUM DISS	3.4	0.170	BICARBONATE	13	0.214
MAGNESIUM DISS	1.2	0.099	CHLORIDE DISS	0.9	0.026
POTASSIUM DISS	0.9	0.024	FLUORIDE DISS	0.1	0.006
SODIUM DISS	0.6	0.027	SULFATE DISS	1.8	0.038
			NO2+NO3 AS N D	0.07	0.005
TOTAL		0.317	TOTAL		0.286

PERCENT DIFFERENCE = 5.18